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PTO/S8/21 (09-04) Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persor are required to respond tion of information unless it displays a valid OMB coerrol number. Application Number 09/837,744 TRANSMITTAL Filing Date April 18, 2001 FORM First Named Inventor Harry F. Schramm Art Unit 2876 Examiner Name Caputo, Lisa M. (to be used for all correspondence after initial filing) Attorney Docket Number MFS-31464-1 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Fee Attached Licensing-related Papers of Appeals and Interferences Appeal Communication to TC X Petition Amendment/Repty (Appeal Notice, Brief, Reply Brief) Petition to Convert to a $|\mathbf{x}|$ After Final Proprietary Information Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer Extension of Time Request Request for Refund Express Abandonment Request CD, Number of CD(s) Information Disclosure Statement Landscape Table on CD Certified Copy of Priority Remarks Document(s) Amendment (1 page) Reply to Missing Parts/ Attachment A (1 page) Incomplete Application Attachment B - Amendments to the Claims (7 pages) Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Printed name Jerry Date Reg. No. 33,454 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date Typed or printed name Abbie J. Johnson 12/09/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA. 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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AMENDMENT AFTER FINAL REJECTION

	Application #	09/837,744
	Confirmation #	9743
i	Filing Date	April 18, 2001
I	First Inventor	Schramm
	Art Unit	2876
Į	Examiner	L. Caputo
١	Docket#	MFS-31464-1
		(P07011US00/RFH)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

SIR:

In response to the Office Action dated September 9, 2004:

Please consider the responsive Remarks provided herewith in Attachment A and the Amendments to the Claims which are reflected in the listing of the claims provided herewith in Attachment B.

It is respectfully submitted that the present application is now in condition for allowance.

Respectfully submitted,

Date

Reg. No. 33,454

NASA/ George C. Marshall Space Flight Center Patent Counsel LS01/Jerry L. Seemann Marshall Space Flight Center, AL 35812